

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/03005

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F16L39/04 F16L59/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16L B67D B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 539 481 A (EMH) 20 July 1984 (1984-07-20) the whole document	1-4
A		5-8
A	EP 0 188 161 A (EMH) 23 July 1986 (1986-07-23) cited in the application claims 1,2 figure 1	1-8

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

23 February 2004

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01/03/2004

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2539481	A	20-07-1984	FR 2539481 A1	20-07-1984
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